

**ENVIRONMENTAL PROTECTION AGENCY****40 CFR Part 63**

[OAR-2002-0058; FRL-7418-9]

RIN 2060-AG69

**National Emission Standards for Hazardous Air Pollutants for Industrial/Commercial/Institutional Boilers and Process Heaters****AGENCY:** Environmental Protection Agency (EPA).**ACTION:** Proposed rule.

**SUMMARY:** The EPA is proposing national emission standards for hazardous air pollutants (NESHAP) for industrial/ commercial/institutional boilers and process heaters. The EPA has identified industrial/commercial/institutional boilers and process heaters as major sources of hazardous air pollutants (HAP) emissions. The proposed rule would implement section 112(d) of the Clean Air Act (CAA) by requiring all major sources to meet HAP emissions standards reflecting the application of the maximum achievable control technology (MACT). The proposed rule would reduce HAP emissions by 58,000 tons per year, hydrogen chloride—a substance that is not considered to be a carcinogen—accounts for 42,000 tons per year (72 percent) of total HAP emissions reductions. The proposed rule would

protect air quality and promote the public health by reducing emissions of some of the HAP listed in section 112(b)(1) of the CAA.

The HAP emitted by facilities in the boiler and process heater source category include arsenic, cadmium, chromium, hydrogen chloride (HCl), hydrogen fluoride, lead, manganese, mercury, and nickel. Exposure to these substances has been demonstrated to cause adverse health effects such as irritation to the lung, skin, and mucus membranes, effects on the central nervous system, kidney damage, and cancer. The adverse health effects associated with the exposure to these specific HAP are further described in this preamble. In general, these findings have only been shown with concentrations higher than those typically in the ambient air.

**DATES:** *Comments.* Submit comments on or before March 14, 2003.

*Public Hearing.* If anyone contacts EPA requesting to speak at a public hearing by February 3, 2003, a public hearing will be held on February 12, 2003.

**ADDRESSES:** *Comments.* Comments may be submitted by mail (in duplicate, if possible) to EPA Docket Center (Air Docket), U.S. EPA West (MD-6102T), Room B-108, 1200 Pennsylvania Avenue, NW, Washington, DC 20460, Attention Docket ID No. OAR-2002-0058. By hand delivery/courier, comments may be submitted (in

duplicate, if possible) to EPA Docket Center, Room B-108, U.S. EPA West, 1301 Constitution Avenue, NW, Washington, DC 20460, Attention Docket ID No. OAR-2002-0058. Also, comments may be submitted electronically according to the detailed instructions as provided in the **SUPPLEMENTARY INFORMATION** section.

*Public Hearing.* If a public hearing is held, it will be held at the new EPA facility complex in Research Triangle Park, North Carolina, or an alternate site nearby.

*Docket.* Docket ID No. OAR-2002-0058 contains supporting information used in developing the proposed rule. The docket is located at the U.S. EPA, 1301 Constitution Avenue, NW, Washington, DC 20460 in room B108, and may be inspected from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays.

**FOR FURTHER INFORMATION CONTACT:** Jim Eddinger, Combustion Group, Emission Standards Division (C439-01), U.S. EPA, Research Triangle Park, North Carolina 27711, telephone number (919) 541-5426, fax number (919) 541-5450, e-mail: [edding.jim@epa.gov](mailto:edding.jim@epa.gov).

**SUPPLEMENTARY INFORMATION:** *Regulated Entities.* The promulgation of the proposed rule would affect the following North American Industrial Classification System (NAICS) and Standard Industrial Classification (SIC) codes.

Category	NAICS code	SIC code	Examples of potentially regulated entities
Any industry using a boiler or process heater as defined in the proposed rule.	211 .....	13	Extractors of crude petroleum and natural gas.
	321 .....	24	Manufacturers of lumber and wood products.
	322 .....	26	Pulp and paper mills.
	325 .....	28	Chemical manufacturers.
	324 .....	29	Petroleum refineries, and manufacturers of coal products.
	316, 326, 339 .....	30	Manufacturers of rubber and miscellaneous plastic products.
	331 .....	33	Steel works, blast furnaces.
	332 .....	34	Electroplating, plating, polishing, anodizing, and coloring.
	336 .....	37	Manufacturers of motor vehicle parts and accessories.
	221 .....	49	Electric, gas, and sanitary services.
	622 .....	80	Health services.
	611 .....	82	Educational services.

This table is not intended to be exhaustive, but rather provides a guide for readers regarding entities likely to be regulated by this action. This table lists examples of the types of entities EPA is now aware could potentially be regulated by this action. Other types of entities not listed could also be affected. To determine whether your facility,

company, business, organization, *etc.*, is regulated by this action, you should examine the applicability criteria in § 63.7485 of the proposed rule. If you have any questions regarding the applicability of this action to a particular entity, consult the person listed in the preceding **FOR FURTHER INFORMATION CONTACT** section.

**How Can I Get Copies of This Document and Other Related Information?**

*Docket.* The EPA has established an official public docket for this action under Docket ID No. OAR-2002-0058. The official public docket consists of the documents specifically referenced in this action, any public comments